

## Positions Available

**Cell**

### POSITIONS AVAILABLE AND CONFERENCES & COURSES ADVERTISING INFORMATION

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PUBLISHING DATE	DEADLINE
May 5, 1995 .....	April 7, 1995
May 19, 1995 .....	April 21, 1995
June 2, 1995 .....	May 5, 1995
June 16, 1995 .....	May 19, 1995
June 30, 1995 .....	June 2, 1995

PUBLISHING DATE	DEADLINE
July 14, 1995 .....	June 16, 1995
July 28, 1995 .....	June 30, 1995
August 11, 1995 .....	July 14, 1995
August 25, 1995 .....	July 28, 1995
September 8, 1995 .....	August 11, 1995

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#### Postdoctoral Fellow University of Pennsylvania

A postdoctoral position is available immediately for studying the molecular biology of mouse mammary tumor virus. The project involves analyzing the regulation of viral gene expression, interaction of the virus with the immune system and viral transmission and pathogenesis, using molecular biology, transgenic mice and genetic models.

A background in molecular biology, immunology, or virology is required.

Send curriculum vitae, names of three references and a brief letter explaining background and career goals to:

**Susan R. Ross, Ph.D.**  
Department of Microbiology/Cancer Center  
University of Pennsylvania  
School of Medicine  
526 CRB/6142  
415 Curie Blvd.  
Philadelphia, PA 19104-6142



The Faculty of Medicine is seeking a

#### Professor of Morphology and Cell Biology

Applications are invited for a full-time tenured position, head of the newly created Institute of Morphology, starting September 1, 1995.

The successful applicant is expected to complement one of the research strengths of the Institute (neurobiology, developmental biology), to establish a research group in cell biology and/or functional morphology and to conduct an original research program.

Applicants should have a record of outstanding research and teaching achievements in the field of cell biology. They are expected to coordinate and participate in the teaching of morphology and cell biology. Teaching in French is required but a period of adjustment can be granted.

Interested candidates should apply with curriculum vitae and a list of scientific publications to the Dean of the medical faculty, Prof. C. Perret, Rue du Bugnon 9, CH - 1005 Lausanne, before 1st May 1995. A full job description and particulars can be obtained at the same address.

## Positions Available

### **Faculty Position in Neuroscience at Children's Hospital and Harvard Medical School**

The Division of Neuroscience at Children's Hospital is inviting applications from M.D. or Ph.D. scientists for the position of Assistant Professor. The possibility exists for a joint appointment in the Department of Neurobiology at Harvard Medical School. Applicants should have an outstanding research background in any area of developmental, cellular or molecular neurobiology.

Send a CV, current and future research plans, relevant reprints, and 3 letters of reference to:

**Michael E. Greenberg, Ph.D.**  
Director-Division of Neuroscience  
Children's Hospital  
300 Longwood Ave.  
Boston, MA 02115

*Harvard Medical School is an Equal  
Opportunity/Affirmative Action Employer.  
Women and Minority candidates are  
encouraged to apply.*

### **INDEPENDENT, TENURE TRACK STAFF POSITION AT NIH**

The Laboratory of Biochemistry, National Cancer Institute, National Institutes of Health seeks to appoint a junior scientist to initiate an independent, tenure track program of basic research. Applications are invited from candidates with demonstrated potential for creative research in the biological sciences. The Laboratory of Biochemistry is composed of 14 research groups that study diverse problems in bacteria, yeast, fly, and animal cells, employing techniques of classical and molecular genetics, protein chemistry, biochemistry, and cell biology.

To apply, please send a curriculum vitae, bibliography, brief statement of research interests, and three letters of recommendation to:

**Dr. Carl Wu, Chair, Search Committee**  
Laboratory of Biochemistry  
NIH/National Cancer Institute  
Bldg. 37, Room 4E28, 9000 Rockville Pike,  
Bethesda, MD 20892-4255

NIH/NCI is an Equal Opportunity Employer

### **TWO POST-DOCTORAL POSITIONS GERMLINE SEX DETERMINATION IN DROSOPHILA**

Brian Oliver, Ph.D.

The first developmental choice faced by germ cells in the majority of higher eukaryotes is oogenesis versus spermatogenesis, but very little is known about how this basic event is genetically encoded in any organism. Applications are invited from scientists interested in understanding this process at the biochemical, molecular genetic, or evolutionary level. Previous training in biochemistry, molecular biology, or genetics is highly desirable. Positions are available until filled. There are no citizenship requirements, but applicants must have less than five years postdoctoral experience.

Forward a one-page summary of research interests, curriculum vitae and bibliography, and three letters of recommendation (solicited by the applicant) to Brian Oliver at:

#### **(until July)**

Department of Zoology  
University of Geneva  
154 route de Malagnou  
CH-1224 Chene-Bougeries  
SWITZERLAND

#### **(after July)**

Laboratory of Cellular and  
Developmental Biology  
NIDDK  
National Institutes of Health  
Building 6, Room B1-26  
6 CENTER DRIVE MSC 2715  
BETHESDA MD 20892-2715 USA

NIH is an Equal Opportunity Employer

## Positions Available

### Endowed Chair Skeletal Molecular Biologist

The Department of Orthopaedic Surgery at the University of California at Davis is seeking a cell/molecular biologist with a strong background in skeletal tissues, especially bone. The successful candidate will become the first recipient of the Lawrence J. Ellison Chair of Musculoskeletal Molecular Biology. Academic rank will be at Associate or Full Professor, commensurate with credentials.

Qualifications include a doctoral degree in a pertinent discipline, an outstanding record of accomplishment in cell and molecular biology with special emphasis on skeletal tissues, and excellence in teaching and administration of research projects. Candidates must have demonstrated the ability to pursue scientific questions in skeletal cell biology using advanced molecular techniques. The establishment of this position is predicated on an organized effort within our laboratory to address problems related to the ability of skeletal tissues to adapt to mechanical loading and repair damage. The successful candidate is expected to become part of an inter-disciplinary team of investigators with expertise in biomechanical engineering, bone remodeling, and bone pathophysiology. Send letter of interest, curriculum vitae, and names and addresses of five references to:

R. Bruce Martin, Ph.D.,  
Professor and Director  
University of California, Davis  
Orthopaedic Research Laboratories  
Research Facility, Room 2000  
4815 Second Avenue  
Sacramento, CA 95817

*The position is open until filled; but to assure full consideration, applications should be received no later than September 30, 1995. The University of California is an Affirmative Action/Equal Opportunity Employer.*

### Immunology/Molecular Biology Postdoctoral and Research Assistant Positions Boston University Medical School

The following positions are available: 1) A postdoctoral position for studies on *fas* in lymphocyte apoptosis. An immunology background is required. (U.S. citizens) 2) Two postdoctoral positions to study the aryl hydrocarbon nuclear transcription factor/receptor (AhR) in lymphocyte apoptosis. Responsibilities include site-directed mutagenesis or production of AhR transgenic mice. A strong background in molecular biology, particularly in transgenic mouse production, is essential. 3) Research assistant positions to assist in AhR gene manipulations. A molecular biology background is required. Send C.V. and names of three references to:

Drs. Shyr-Te Ju, Arthritis Center  
(position #1)  
David Sherr or Patricia Foster  
Department of Environmental Health  
(positions #2 and #3)  
Boston University School of Medicine  
80 East Concord St.  
Boston, MA 02118

JOIN OUR FAMILY

Share our commitment to excellent patient care, quality education and an outstanding professional environment. We are seeking candidates for the following positions on the Saint Francis campus:

### RESEARCH SCIENTISTS

Seeking candidates to join our Department of Research new vascular biology programs. Applicants should have completed a doctoral degree and a post-doctoral fellowship and have prior experience in molecular or vascular biology. Candidates will be eligible for an appointment at the University of Connecticut School of Medicine.

We offer a competitive salary and a compensation package that includes a comprehensive health plan and many other benefits. Please send your resume to:

Dr. Ernesto Canalis, Director, Department of Research, Saint Francis Hospital and Medical Center, 114 Woodland Street, Hartford, CT 06105-1299.



SAINT FRANCIS  
Hospital and Medical Center



MOUNT SINAI  
HOSPITAL



BlueRidge Center

EEO/AA - M/F/D/V  
Pre-Employment Drug Testing

## Positions Available

### Pediatric Molecular Endocrinology

The Department of Pediatrics, University of California San Francisco, is seeking a pediatric endocrinologist/molecular biologist at the Professor level (tenured). Applicants must have an internationally recognized research program in the molecular biology of steroid hormone synthesis with a particular focus on the molecular genetics of congenital adrenal hyperplasia. Candidates must be able to sustain strong extramural research support and have the ability to lead and direct two NIH funded training programs. Proven record of accomplishment in teaching and clinical service required. Please send c.v. and letter of inquiry to:

**Charles J. Epstein, M.D.**  
Chair, Search Committee  
Department of Pediatrics  
University of California San Francisco  
San Francisco, CA 94143-0748

*The University of California is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.*

### MOLECULAR BIOLOGIST

Agouron Pharmaceuticals, Inc., a cutting-edge leader in the field of protein structure-based drug design, has an immediate opportunity for a Ph.D. level scientist to join its multidisciplinary team of researchers in the Molecular Biology/Biochemistry group. Agouron invites applications from talented scientists with experience in cloning and protein expression.

Successful candidates will be expected to interact closely with Agouron's crystallography department, especially to optimize vector constructs for crystallization. Prior experience with protein kinases is required. Prior experience with insect and/or mammalian cell expression is a plus.

We offer state-of-the-art facilities and competitive salaries and benefits. Please send a curriculum vitae and references to:

Human Resources, Code CJC  
EOE. Principals only.



**Agouron**  
Pharmaceuticals, Inc.

10350 N. Torrey Pines Road, Suite 100  
La Jolla, California 92037

### Postdoctoral Fellow Cell Regulation

**University of Texas  
Southwestern Medical Center at Dallas**

An exciting new area in cell regulation research is emerging. Evidence is accumulating that two plasma membrane domains that are specialized for endocytosis (clathrin coated pits and caveolae) are sites where hormonal and mechanical signals are modulated. Our laboratory has mounted a major research effort to study the role of these membrane domains in compartmentalized signal transduction.

Postdoctoral positions are now available for individuals who want to receive training in this exciting new research area. If you have either a Ph.D. or M.D. and have experience in molecular and cell biology, please apply.

Send curriculum vitae and three letters of recommendation to:

**Dr. Richard G.W. Anderson**  
Department of Cell Biology and Neuroscience  
University of Texas Southwestern Medical Center at Dallas  
Dallas, Texas 75235-9039

*An Equal Opportunity Employer*

## Positions Available

### **Chief, Hematology and Transfusion Medicine**

**Ottawa Civic Hospital  
Ottawa, Ontario, Canada**

Applications are invited for the position as Chief of Hematology and Transfusion Medicine at the Ottawa Civic Hospital. This full-time position involves service, teaching, and research. The Hospital has 700 patient beds, the Loeb Medical Research Institute, a large Heart Institute and Research Centre, and Programs of Excellence which include Cardiovascular Sciences, Oncology, Growth and Development, Neurosciences and Clinical Epidemiology. The successful candidate will be eligible for appointment to the Department of Pathology and Laboratory Medicine at the University of Ottawa with a rank commensurate with experience; the position may be a GFT one.

Applicants should have their Royal College Certification (or equivalent) in Hematopathology or General Pathology (with demonstrated experience and expertise in Hematopathology) and be able to attain their license to practice in Ontario.

The successful applicant will be expected to provide the medical direction and supervision of the Division of Hematology and Transfusion Medicine, provide consultation to clinical colleagues in this specialty area, participate in teaching programs at the University of Ottawa, and develop a research program. Exciting opportunities for research development exist with established groups studying cardiac devices, lipids, vascular biology, cancer genetics and thrombosis. Willingness to collaborate with the other Laboratory Medicine specialties will be a requirement as our Laboratory moves towards more regionalization, rationalization and interdivisional cross-coverage; interest and skills in the techniques of molecular biology applied to Hematology, and a knowledge of relevant Anatomic Pathology, will be considered assets.

The position will be available March 1, 1996.

In accordance with Canadian immigration requirements, this advertisement is directed initially to Canadian citizens or permanent residents. In accordance with employment equity policy, applications from qualified women and men, members of visible minorities, aboriginal peoples and persons with disabilities are encouraged.

Please submit a letter of application, curriculum vitae, names and addresses of three referees by June 1, 1995 to:

**Dr. Virginia Walley  
Chief, Laboratory Medicine  
Ottawa Civic Hospital  
1053 Carling Avenue  
Ottawa, Ontario  
K1Y 4E9**

## Positions Available

### Post-Doctoral Fellowships

The College of Medicine and the H. Lee Moffitt Cancer Center & Research Institute at the University of South Florida has post doctoral/research associate positions available in a stimulating academic environment that includes excellent laboratory and clinical facilities. Investigators providing mentorship include Julie Djeu, Ph.D., Jie Wu, Ph.D., W.J. Pledger, Ph.D., and Timothy Yeatman, M.D.

The individuals sought should hold a M.D. or Ph.D. and have a demonstrated interest in cancer related research with training in molecular biology and/or cellular biology. Research areas include signal transduction, regulation of growth and differentiation, processes of metastasis, and mechanisms of action of cytokines and growth factors. Send current curriculum vitae and a brief statement of major academic interests to:

W.J. Pledger, Ph.D.  
Associate Center Director for Basic Research  
Office of Faculty Recruitment  
Moffitt Cancer Center  
12902 Magnolia Drive  
Tampa, FL 33612

Applicants who need a reasonable accommodation in order to participate in the selection process must notify Jody Swanson in the Office of Faculty Recruitment, (813) 975-7894, five days in advance. Applications must be postmarked by deadline of April 20, 1995.

*Moffitt Cancer Center is an Equal Opportunity Employer.*

*The University of South Florida is an EO/Equal Access/Affirmative Action Employer.*

### Postdoctoral Fellows Vanderbilt University

Several postdoctoral positions are available in the Biochemistry Department at Vanderbilt University School of Medicine. Participating faculty and their research interests include:

**Charles Albright:** Study of ras signalling pathways using *S. pombe*.

**Jeff Flick:** Genetics and biochemistry of signalling by phospholipase C in yeast.

**Joachim Ostermann:** Biochemical dissection of transport vesicle formation.

**Wayne Wahls:** Molecular, genetic, and biochemical aspects of homologous recombination.

**Ron Wisdom:** Transcriptional regulation and transformation by AP-1 proteins.

Please send a C.V. & three references to:

Ron Wisdom  
613 Light Hall  
Vanderbilt University School of Medicine  
Nashville, TN 37232-0704

*Vanderbilt University is an Equal Opportunity/  
Affirmative Action Employer*

### Greenville Hospital System Clemson University

#### DISTINGUISHED PROFESSORSHIP IN BIOLOGICAL SCIENCES

The Greenville Hospital System/Clemson University Biomedical Cooperative invites applications for a tenured Distinguished Professorship in the area of Cell and Developmental Biology with special competence in molecular techniques. The successful candidate must have a Ph.D., an outstanding research and teaching record, a strong history of grant support, and be able to work in both a medical and academic setting. S/he will be expected to collaborate with hospital-based clinicians, develop a graduate program in medically related research, and teach undergraduates. Applications must be received by April 21, 1995. Send letter of application, curriculum vita, a brief description of research plans and the names of five references to: Dr. J. David Gangemi, Director, GHS/CU Biomedical Cooperative, 445 Brackett Hall, Clemson University, Clemson, SC 29634-1912.

*GHS/CU is an Equal Opportunity/ADA/Affirmative Action Employer and encourages applications from minorities and women.*

## Positions Available



### National University of Singapore Institute of Molecular Agrobiolgy Research Appointments

Applications are invited for appointments as **Junior Research Fellows**, **Research Fellows** and **Principal Investigators**. The Institute of Molecular Agrobiolgy (IMA) was recently established by the National Science and Technology Board under the parentage of the National University of Singapore. Its mission is:

**To spearhead agricultural research at the genetic and molecular levels to establish Singapore as a world-class centre for agrotechnology industries.**

The Institute wishes to set up about 20 independent laboratories focusing on, but not limited to, the following research areas:

**Fish Developmental Biology**  
**Fish Immunology**  
**Mechanisms of Pathogenesis in Fish**

**Plant Cell Biology**  
**Plant Developmental Biology**  
**Viral, Bacterial and Fungal Pathogens of Plants**  
**Defense Mechanisms of Plants**  
**Yeast Molecular Genetics**

**Animal Cytokines**  
**Poxviruses and Insect Viruses**  
**Genome Analysis**  
**Mechanism of Pathogenesis in Animals**

**Gross annual emoluments range as follows:**  
(U.S. \$1.00 = S\$1.46 approximately)

Junior Research Fellow (Doctoral Student) S\$18,570-35,970

Research Fellow (Postdoctoral Fellow) S\$49,720-71,400

**Principal Investigator**

Senior Scientist S\$65,200-122,820

Associate Professor S\$108,820-151,480

The commencing salary will depend on the candidate's qualifications, experience and the level of appointment offered. In addition, a 13th month Annual Allowance (of one month's salary) and an Annual Variable Components (of normally 2 months' salary) are payable at year end, under the flexible wage system, to staff on normal contracts. Leave, medical and other benefits will be provided.

Principal Investigators who will be heads of independent laboratories will be appointed at the rank of Associate Professor or Senior Scientist (equivalent to Assistant Professor), depending on experience. Teaching responsibilities are modest and limited to graduate level. Investigators using innovative approaches to explore the mechanisms of basic biological processes in model organisms (e.g. Arabidopsis and zebrafish) are encouraged to apply.

Depending on qualification and seniority, Principal Investigators may be provided with up to 5 fully funded postdoctoral positions.

Applications for positions of **Principal Investigators** should include a copy of the curriculum vitae, a brief description of past research experience and accomplishments, the proposed research program at IMA and names of three to five referees and those for positions of **Research Fellows** and **Junior Research Fellows** should include a copy of the curriculum vitae along with the names of three referees. **Junior Research Fellows** are expected to enroll in the University's PhD program.

Applications should be sent to the following address:

**The Acting Director**  
**The Institute of Molecular Agrobiolgy**  
**c/o Dean's Office**  
**Faculty of Science**  
**National University of Singapore**  
**Lower Kent Ridge Road**  
**Singapore 0511**

Enquiries may also be sent through INTERNET to: [zookhw@nus.sg](mailto:zookhw@nus.sg), or through Telefax: (65) 7774279

## Positions Available

### Postdoctoral Positions The Wistar Institute Department of Molecular Oncology

Two postdoctoral positions are available for studying the p53 tumor suppressor.

One position involves structural and biophysical analysis of wild-type p53 and specific p53 mutants. Prior experience in protein engineering, NMR spectroscopy or crystallography is desired. This project is in collaboration with structural biology groups.

The second position involves analysis of the function of p53 using gene therapy vectors to deliver wild-type p53 and specific p53 mutants to target cells. Prior experience in molecular biology and tissue culture is desired. This project is in collaboration with a gene therapy group.

Interested and highly motivated candidates should send a curriculum vitae and arrange to have two letters of recommendation sent to: **Thanos Halazonetis, DDS, PhD, Department of Molecular Oncology, Room 115, The Wistar Institute, 3601 Spruce Street, Philadelphia, PA 19104-4268.** Equal Opportunity Employer.



### Postdoctoral Positions

Two postdoctoral positions are available immediately to study the structure-function relationships and regulation of type 1 and type 2A Ser/Thr protein phosphatases. Particular emphasis is placed in studying the role of these enzymes in transmission of growth factor signals which lead to metabolic responses, control of gene expression and cell cycle regulation. Experience in enzymology/cell biology/molecular biology or yeast genetics is required.

Please send curriculum vitae and have three letters of reference forwarded to:

**Anna DePaoli-Roach, Ph.D.**  
**Department of Biochemistry and**  
**Molecular Biology**  
**Indiana University School of Medicine**  
**635 Barnhill Dr.**  
**Indianapolis, IN 46202**  
**Fax (317) 274-4686; Tel (317) 274-1585**  
**E-mail: depaoli-roach@iucc.iupui.edu**

*Indiana University is an equal opportunity/  
affirmative action employer*

### Virologist Assistant Professor University of California, San Francisco

The F.I. Proctor Foundation in collaboration with the UCSF Program in Biological Sciences is seeking exceptional candidates for a position of assistant professor. Candidates should have a Ph.D. or M.D. degree and postdoctoral research experience in viral pathogenesis. Applicants should have outstanding potential for research and teaching, and will be expected to develop an independent research program. We are particularly interested in candidates with research programs related to mechanisms of herpesvirus pathogenesis. Interested applicants should submit a curriculum vitae, summary of research interests, copies of major publications and three letters of recommendation by May 15, 1995 to:

**Chair of Search Committee**  
**F.I. Proctor Foundation, S-315**  
**UCSF Medical Center**  
**San Francisco, CA 94143-0412**

*UCSF is an equal and  
affirmative action employer*

Two **Postdoc** toral positions will be available (BAT IIa; 6/95) for individuals with a strong background in cellular and molecular biology and/or biochemistry at the: *Medizinische Universitätsklinik, Abteilung für Klinische Biochemie und Pathobiochemie*, **University of Würzburg**

Research will involve the molecular / cell biology of nitric oxide and cyclic GMP formation. Send curriculum vitae, list

of scientific publications, a brief description of your scientific background and objectives, and three letters of reference to: *PD Dr. Harald Schmidt, Versbacher Str. 5, D-97078 Würzburg, FRG, +49 931 201 3854*



## Positions Available

### McDermott Fellows in Molecular Medicine

Positions are available in the Center for Molecular Medicine at The University of Texas Institute of Biotechnology (see Nature, Vol. 357, No. 6380). The Institute provides a modern, highly interactive research environment and houses the Molecular Medicine Graduate Program. The prestigious McDermott Fellows will receive a stipend of \$30,000/year, guaranteed for 3 years, and will have the opportunity to work with multiple mentors, if desired. Successful candidates will have recently completed a Ph.D. or M.D. prior to the appointment.

<b>Steven Britt</b>	Vision and Rhodopsin Function in <i>Drosophila</i>
<b>Barbara Christy</b>	Transcriptional Regulation of Growth and Development
<b>Robert Christy</b>	Metabolic Gene Expression and Adipocyte Differentiation
<b>Paul D. Gardner</b>	Molecular Analysis of Acetylcholine Receptor Gene Expression
<b>Eileen Lafer</b>	Clathrin Mediated Endocytosis in Nerve Terminals
<b>Eva Lee</b>	Cellular and Developmental Roles of the Retinoblastoma Gene
<b>Wen-Hwa Lee</b>	Tumor Suppressor Genes
<b>Eduardo Montalvo</b>	Virus Latency in Tumorigenesis
<b>Ed Seto</b>	Regulation of Gene Expression
<b>Z. Dave Sharp</b>	Gene Regulation and Development
<b>Alan Tomkinson</b>	Replication and Repair of DNA in Eukaryotes

Send curriculum vitae, a description of your research interests and accomplishments, reprints of recent articles, and arrange for three letters of reference to be sent to: **Dr. Barbara Christy, The Center for Molecular Medicine, Institute of Biotechnology, 15355 Lambda Drive, San Antonio, TX 78245, Phone (210) 567-7200, Fax (210) 567-7277.** To insure consideration, applications should be complete by **May 1, 1995.**

*The University of Texas Health Science Center at San Antonio is an Equal Employment Opportunity/Affirmative Action Employer.*

### Postdoctoral Position Retroviral RNA Processing Johns Hopkins University Homewood Campus

A funded postdoctoral position is available immediately to study post-transcriptional regulation of retroviral gene expression. Ongoing lab projects include study of the control of retroviral RNA splicing, polyadenylation, stability, and transport and involve both Rous sarcoma virus and HIV-1. Molecular biology and RNA experience required.

Please send or fax a curriculum vitae, a short statement of research interests, and three letters of reference to:

**Dr. Karen Beemon**  
**Johns Hopkins University**  
**Department of Biology**  
**3400 North Charles St.**  
**Baltimore, MD 21218**  
**FAX (410) 516-5213**

*Affirmative Action/Equal Opportunity Employer.  
Women and minorities are encouraged to apply.*

### The National Institutes of Health National Center for Human Genome Research

The intramural program of the National Center for Human Genome Research (NCHGR), the National Institutes of Health (NIH) in Bethesda, Maryland, is now in operation. Scientists with a unique range of expertise and interests have been recruited to focus on the identification, localization, diagnosis, and treatment of human genetic disease.

We are now actively recruiting a tenure-track scientist in the field of

#### HUMAN AND MURINE GENOMICS

for a position within the Laboratory of Genetic Disease Research. The successful applicant will be provided with the space and resources needed to pursue an independent research program in mapping, isolating, and characterizing genes involved in human and/or murine genetic disease.

Candidates must have a Ph.D. and/or M.D. as well as advanced training in genome science: demonstrable expertise in genetic and physical mapping and positional cloning in humans or mice.

Competitive salary and benefit packages are available. Please forward curriculum vitae and three references to:

**Robert L. Nussbaum, M.D.**  
**Chief, Laboratory of Genetic Disease Research**  
**NIH/NCHGR**  
**Building 49, Room 4A72**  
**49 Convent Drive MSC 4470**  
**Bethesda, MD 20892-4470**

*Closing Date: April 1, 1995*  
NIH is an Equal Opportunity Employer

## Positions Available



### **Dean of the College of Biological Sciences The Ohio State University**

The Ohio State University invites nominations and applications for the position of Dean of the College of Biological Sciences. Ohio State is one of the nation's leading comprehensive research universities. It is situated in Columbus, Ohio, a thriving metropolitan area of about 1.4 million and the capital of the State of Ohio. The dean of the college is administratively responsible for the departments of Biochemistry, Entomology, Microbiology, Molecular Genetics, Plant Biology, and Zoology. The college has 101 regular faculty, an annual budget of \$14.2 million, research funding of \$8.9 million, and a tradition of excellence in teaching and research.

The dean provides leadership for the educational and research activities of the college and works collaboratively with the faculty of the college, the university administration, and other constituent groups both within and outside the University. The dean is responsible for faculty recruitment, for development and advancement of academic programs, administration of personnel affairs, and projection and allocation of budgets for units in the college. In addition, the dean has responsibilities for encouraging and developing collaborations with the College of Food, Agricultural, and Environmental Sciences, the College of Mathematical and Physical Sciences, and six health sciences colleges. Further, the University is undergoing a major expansion in the life sciences, including new initiatives in molecular life sciences (which will entail at least thirty new faculty positions university-wide), cancer genetics, plant molecular biology, and biotechnology; the dean will play a major leadership role in these endeavors. The dean reports to the provost, who is the chief academic officer of the University.

A candidate must possess an earned doctorate or its equivalent in one of the disciplines in the college. Additional qualifications for the position should include a distinguished record in research, teaching and service; demonstrated excellence in leadership and administration; and a clear record of effective commitment to and support of cultural and ethnic diversity and affirmative action. Candidates must have the qualifications for appointment as Professor in one of the units of the college.

The Search Committee will begin reviewing dossiers on April 17, 1995, and will continue to review applications until the dean is selected. Applicants should send a letter expressing their interest and qualifications, a curriculum vitae, and the names, addresses and telephone numbers of three or four references to:

**Dean James C. Garland, Chair  
Search Committee for  
Dean of the College of Biological Sciences  
203 Bricker Hall  
190 North Oval Mall  
Columbus, OH 43210-1358**

*The Ohio State University is an Equal Opportunity, Affirmative Action Employer.  
Women, minorities, Vietnam-era veterans, disabled veterans and individuals  
with disabilities are encouraged to apply.*

## Positions Available

### Faculty Position Available Biochemist or Cellular/Molecular Biologist

The Musculoskeletal Research Center of the Department of Orthopaedic Surgery at the University of Pittsburgh School of Medicine and Children's Hospital of Pittsburgh are seeking a qualified individual to conduct research and build a research program directed at determining cellular function in immature and developing musculoskeletal tissues. This is a tenure track, full-time faculty position at a level commensurate with the candidate's qualifications and experience. The successful applicant will be expected to merit secondary appointments in the Department of Microbiology/Biochemistry or Molecular Genetics and Biochemistry.

Applicants must have a Ph.D. in biochemistry, cell biology, or related field with a strong background in tissue culture and be able to work well in collaborative research. Preference will be given to candidates interested in the metabolic and cell growth alterations resulting from limb lengthening procedures and the mechanical stimulation of soft tissues. The individual occupying this position will be expected to secure grant funds and participate in classroom teaching.

Interested candidates should send their curriculum vitae, summary of research background, and three letters of recommendation to:

Savio L-Y. Woo, Ph.D.  
Ferguson Professor and Vice Chair for Research  
Department of Orthopaedic Surgery  
University of Pittsburgh  
Suite 1010 Lilliane Kaufmann Bldg.  
3471 Fifth Avenue  
Pittsburgh, PA 15213

*The University of Pittsburgh School of Medicine and Children's Hospital of Pittsburgh are Equal Opportunity/Affirmative Action Employers. Women and minorities are encouraged to apply.*

### Postdoctoral Positions

Competitive research positions are available for studies and training with a group of scientists interacting in multiple areas concerned with:

#### Viral Pathogenesis

Faculty include:

Roger N. Beachy

Michael Buchmeier

Frank Chisari

Neil R. Cooper

Juan Carlos de la Torre

John H. Elder

Howard Fox

Peter Ghazal

Klaus Hahn

Glen Nemerow

Michael Nerenberg

Michael B.A. Oldstone

Nora Sarvetnick

Peter K. Vogt

J. Lindsay Whitton

- Molecular and Structural Mechanisms of Pathogen Derived Resistance: Intercellular Transport of Tobamoviruses
- Pathogenesis of Viral CNS Infections
- HBV and HCV Immunobiology and Pathogenesis
- Molecular Events Characterizing Epstein-Barr Virus Infection
- Mechanisms and Biological Consequences of Persistent Viral Infection of the Central Nervous System and Neuroendocrine Tissues
- Retrovirology, Molecular Mechanisms of Viral Replication
- Viral and Host Factors in Lentivirus-induced CNS Pathogenesis, Autoimmunity
- Master Switch Gene Control of Human Cytomegalovirus
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- Virus-receptor Interactions, Gene Therapy
- Retroviral Malignancies, Oligonucleotide Therapeutics, Transcriptional Regulation of Cytokines
- Viral Persistence, Autoimmunity, Transgenic Models, Immune Response to Virus
- Cytokines, Transgenic Models, Autoimmunity
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Letters of application, including curriculum vitae, statement of research interests, future goals, and the names and addresses of three referees should be sent to the specific faculty member at:



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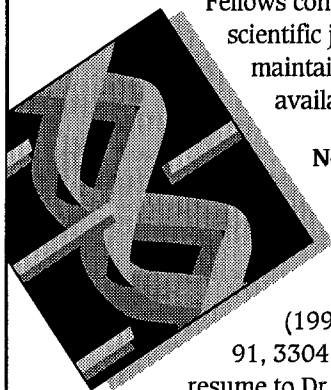
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**Molecular Biology:** A position is available to study cytokine receptor signal transduction and participate in the identification of novel receptors and ligands with potential therapeutic interest. Experience in hematopoiesis and/or signal transduction is an advantage. See Nature 369, 533 (1994) and Science 265, 1445 (1994). Send your resume to Dr. Frederic de Sauvage, Department of Molecular Biology.

**Molecular Biology:** A position is available to study receptors and GTP-binding proteins and to identify novel genes that regulate essential cell functions. The successful candidate will have a background in molecular and cell biology, biochemistry and genetics. See Cell 56, 487 (1989); Nature 340, 146 (1989); PNAS 88, 10535 (1991); Nature 360, 161 (1992); JBC 268, 26059 (1993); JI 152, 1347 (1994). Send your resume to Dr. Avi Ashkenazi, Department of Molecular Biology.

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## Positions Available

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**Brooke T. Mossman, Ph.D., Professor**  
Department of Pathology, University of  
Vermont, Burlington, VT 05405-0068  
(FAX: 802-656-8892/PH: 802-656-0382)  
Deadline for Applications: May 1, 1995

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Please submit a C.V. and statement of research interests, with the names of three references, to:  
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The College of Medicine and the H. Lee Moffitt Cancer & Research Institute at the University of South Florida are seeking applications from Assistant, Associate and Full Professor level individuals to participate in the Cancer Center Research Programs under a stimulating academic environment that includes excellent laboratory and clinical facilities. Research programs include Immunology, Cancer Cell Biology, Molecular Oncology and Cancer Genetics. Academic rank and salary will be commensurate with experience and qualifications. These positions will be assigned to a specific, mutually agreed upon department within the College of Medicine with the possibility of tenure.

Successful individuals must hold an M.D. or Ph.D. with a minimum of 2 years post doctoral training. Individuals at the rank of Associate Professor must have a demonstrated potential for extramural funding. Individuals for Full Professor must have a proven track record of independent research, leadership ability and training backed by publications and extramural funding.

Send current curriculum vitae and a brief statement of major academic interests to W.J. Pledger, Ph.D., Associate Center Director for Basic Research, Office of Faculty Recruitment, Moffitt Cancer Center, 12902 Magnolia Drive, Tampa, Florida 33612. Applicants who need a reasonable accommodation in order to participate in the selection process must notify Jody Swanson in the Office of Faculty Recruitment, (813) 975-7894, five days in advance. Applications must be postmarked by deadline of April 20, 1995.

The H. Lee Moffitt Cancer Center & Research Institute is a free standing Cancer Center located adjacent to the Health Sciences Center on the Tampa campus of the University of South Florida. In addition to a 162-bed full service cancer treatment facility, the Center has research laboratory space in four buildings including over 50,000 square feet of dedicated laboratory and support space in a new Cancer Research Center slated to open in June 1995.



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## Conferences and Courses

### **The Pezcoller Foundation, Trento, Italy**

The Pezcoller Foundation is a non-profit organization created in 1979 by Prof. Alessio Pezcoller, who was the chief Surgeon of the S. Chiara Hospital of Trento, Italy. One of the goals of the Foundation is to promote biomedical research. To this end, it annually sponsors a symposium at the cutting edge of basic research and biennially awards a prize for fundamental discoveries in the aetiology, pathogenesis, treatment or biology of a disease; the winner is selected by an International Committee chaired by Prof. U. Veronesi, European School of Oncology. The symposia are structured to favor intensive discussions among participants leading to the development of new ideas and perspectives. The topics are chosen by an International Advisory Committee composed of: E. Mihich, Chairman (Buffalo), G. Bernardi (Trento), C. Croce (Philadelphia), G. Della Porta (Milan), V. DeVita (New York), G. Lenaz (Bologna), D. Livingston (Boston), P. Schlechter (Trento), E. Solomon (London), T. Taniguchi (Osaka), F. Zuelli (Trento).

#### **Seventh Pezcoller Symposium, June 14-16, 1995, Trento, Italy**

##### **Cancer Genes: Functional Aspects**

Co-Chairmen: E. Mihich and D. Hausman

Program Committee: Drs. E. Mihich (Chairman), J. Azizkhan, P. Comoglio, G. Draetta, D. Hausman, D. Livingston, A. Matter

##### **Keynote Address: Robert Weinberg**

#### **June 14, AM, Session I: Oncogenes, Co-Chairmen: \*M. Fried and T. Graf**

*Speakers:* \*Gerard Evan  
\*Paolo Comoglio  
\*Sara Courtneidge

#### **June 14, PM, Session II: Suppressor Gene, Co-Chairmen: \*M. Kulesz-Martin and \*F. Rauscher III**

*Speakers:* \*Yue Xiong  
\*Moshe Oren  
Carol Prives

#### **June 15, AM, Session III: Transcription Regulation, Co-Chairmen: \*R. DiLauro and \*T. Beerman**

*Speakers:* \*Michael Green  
\*Paolo Sassone-Corsi  
\*Alfred Nordheim  
\*Gary Gilliland

#### **June 15, PM, Session IV: Cell Cycle Regulation, Co-Chairmen: \*G. Draetta and \*E. Nigg**

*Speakers:* \*Giulio Draetta  
\*Jane Azizkhan  
\*David Livingston  
\*Claudio Schneider

#### **June 16, AM, Session V: Clinical Implications, Co-Chairmen: \*A. Matter and \*P-G. Pelicci**

*Speakers:* Brian Druker  
\*Glenn Dranoff  
\*David Hausman

\*Accepted

For further information on the Seventh Symposium, please contact Dr. E. Mihich, Roswell Park Cancer Institute, Buffalo, NY 14263, USA (Tel: 716-845-8225; Fax: 716-845-8857), and for local arrangements, Mr. Giorgio Pederzoli, The Pezcoller Foundation, 38100 Trento, Italy (Tel: 39-461-980250; Fax: 39-461-980350).

## Conferences and Courses

**Molecular Parasitology Meeting  
Marine Biological Laboratory  
Woods Hole, MA  
September 17-21, 1995**

**Organizers: Daniel Goldberg,  
Marilyn Parsons, Elisabetta Ullu**

In this sixth annual meeting, we will focus on the latest developments in the molecular biology, genetics, biochemistry, and cell biology of parasites. Speakers will be chosen from submitted abstracts.

Abstracts and registration forms can be obtained from:

**Molecular Parasitology Meeting  
c/o Mary Zimmerman  
Washington University School of Medicine  
Department of Molecular Microbiology  
660 S. Euclid Avenue, Box 8230  
St. Louis, MO 63310  
maryz@borcim.wustl.edu  
(email strongly encouraged)  
(314) 362-7258, (314) 362-1232 FAX**

Abstract and registration deadline: May 15

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